

From: [HOPE Bruce](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [Ben Cope/R10/USEPA/US@EPA](#)
Subject: RE: Fate and Transport Modeling Meeting - Portland Harbor
Date: 08/28/2006 04:19 PM

OK

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, August 28, 2006 3:46 PM
To: HOPE Bruce
Cc: Cope.Ben@epamail.epa.gov
Subject: RE: Fate and Transport Modeling Meeting - Portland Harbor

How about tomorrow morning at 10:30. We should be done by 11:00 or so.
I will you both.

Eric

HOPE Bruce <HOPE.Bruce@deq. state.or.us>		To
08/28/2006 03:35 PM	Eric Blischke/R10/USEPA/US@EPA, Ben Cope/R10/USEPA/US@EPA	cc
		Subject
	RE: Fate and Transport Modeling Meeting - Portland Harbor	

I'll be at the NW Environmental Health forum on Tuesday afternoon
(noon-5). I have tomorrow morning & Wednesday anytime or Thur >2pm

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, August 28, 2006 2:54 PM
To: HOPE Bruce; Cope.Ben@epamail.epa.gov
Subject: Fw: Fate and Transport Modeling Meeting - Portland Harbor

Bruce, are you available any of the times below to discuss our next
steps on the fate and transport modeling effort? Tomorrow afternoon
works best for me.

As for contractor support, Parametrix is looking into their modeling
capability. Charlie Wisdom is the name that has been floated. However,
it sounds like they may have to sub this piece out. CDM is their
primary sub (though others are also presumably available). Do either of
you know of anyone at CDM who could help us out?

Thanks, Eric

----- Forwarded by Eric Blischke/R10/USEPA/US on 08/28/2006 02:50 PM

Ben Cope/R10/USEPA/U S		To
08/28/2006 10:23 AM	Eric Blischke/R10/USEPA/US@EPA	cc
		Subject
	Re: Fw: Fate and Transport Modeling Meeting - Portland Harbor(Document link: Eric Blischke)	

Eric -

My available times:

Tues 10:30 - 11:45, 1-2, 3-4:30
Wed not available
Thurs 11-4:30

Friday wide open

-BC

Eric
Blischke/R10/USE
PA/US
08/28/2006 10:16
AM

Ben Cope/R10/USEPA/US@EPA
cc

Subject
Fw: Fate and Transport Modeling
Meeting - Portland Harbor

Ben, are you available this week to talk with Bruce and (hopefully) our contractor. If you are, please give me some times.

Thanks, Eric

----- Forwarded by Eric Blischke/R10/USEPA/US on 08/28/2006 10:08 AM

HOPE Bruce
<HOPE.Bruce@deq.
state.or.us>
08/28/2006 09:33
AM

Eric Blischke/R10/USEPA/US@EPA
cc

Subject
RE: FW: Fate and Transport
Modeling Meeting - Portland
Harbor

I could call you (can't find you #) or just stop by the 3rd floor. I'm in most of this week then (b) (6) Carl is calling me trying to find out what's

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Wednesday, August 23, 2006 12:54 PM
To: HOPE Bruce
Subject: Re: FW: Fate and Transport Modeling Meeting - Portland Harbor

Bruce, I know you are out until the 28th. However, when you return, I would like a little bit of your time to discuss our next steps. We will be relying on Ben Cope and contractor support to fill in for the excellent work you performed for us. If you have the time, it would also be helpful if you could meet with Ben and our designated contractor so you can communicate your vision and possibly attend a meeting with the LWG as a transition step.

Thanks, Eric

HOPE Bruce
<HOPE.Bruce@deq.
state.or.us>
08/07/2006 07:57
AM

Eric Blischke/R10/USEPA/US@EPA,
Chip Humphrey/R10/USEPA/US@EPA
cc

ANDERSON Jim M
<ANDERSON.Jim@deq.state.or.us>,
PRESTON Gerry
<PRESTON.Gerry@deq.state.or.us>
Subject
FW: Fate and Transport Modeling
Meeting - Portland Harbor

Eric / Chip -

I guess we all knew this day was coming but I've finally received the long promised Umatilla risk assessment work. This means I will have no time to spend on Portland Harbor beyond helping Karen Tarnow and the stormwater team use my (EPA's?) T&F model to conceptualize sampling designs, discharge behavior, etc. I simply won't have time to be involved in the project to the extent envisioned by Carl below. I think you will need to identify someone else (Earl, Ben?) to take on these tasks. You might be able to focus on the T&F aspects since we seem to have achieved, for the moment, some agreement about the food web modeling.

I think you should consider that what Carl is calling a "hybrid" model seems (based on the redline that was done of the draft report that accompanied early versions of the model) to be a nearly complete replacement of the simple T&F model with the EFDC. By accepting such hybridization, you become constrained by the EFDC's long run times, by its lack of transparency, and by the difficulty of its manipulation by non-specialists - not exactly the readily accessible tool for managers thinking about options during the FS. It is also not clear (at least to me) whether the work outlined below replaces, augments, or is separate from some of the other models that Carl alluded to at our meetings in Portland and Seattle. It might be good to clarify the scope and purpose of T&F modeling before moving forward.

Bruce

-----Original Message-----

From: Carl Stivers [mailto:cstivers@anchorenv.com]
Sent: Friday, August 04, 2006 9:29 AM
To: Blischke.Eric@epamail.epa.gov; humphrey.chip@epa.gov
Cc: Gene Revelas; Valerie Oster; Keith Pine; rjw@nwnatural.com;
Jim.McKenna@portofportland.com; RICKA@BES.CI.PORTLAND.OR.US; Lisa Saban (Lisa Saban); 'Nick Varnum' ('Nick Varnum'); Laura Kennedy (Laura Kennedy); nancyj@windwardenv.com; johnt@windwardenv.com;
rwatson@westconsultants.com; tmartin@integral-corp.com; HOPE Bruce
Subject: Fate and Transport Modeling Meeting - Portland Harbor

Eric and Chip -

Due to all the meetings on the Round 2 Report, we have not rescheduled a meeting to discuss the Fate and Transport modeling details. Per our meetings in June we agreed on the schedule shown below. We need to complete Step 1 by September timeframe so we need to meet soon to even get started. Due to some ongoing vacations, our team is generally available starting the week of August 21. Please propose a few days and times that EPA can meet and we will try to accommodate to your schedules.

In the past we talked about Bruce Hope and at least one EPA representative being necessary at the meeting. Our team would likely consist of myself, Ray Walton, Gene Revelas, and/or Nancy Judd/John Toll.

Approximate Schedule:

1. Through September - EPA and LWG jointly develop concept, architecture, linkage logistics, and modeling scenarios for Hybrid Model. Agree on final architecture and parameterization for food web portions in time for Round 2 Report development.
- 2.a. Mid-October - Calibration of EFDC model completed.
- 2.b. Mid-October - Complete preliminary Hybrid Model runs using non-calibrated EFDC outputs. Identify Round 3B data gaps during this step.
3. December - Complete preliminary Hybrid Model runs using outputs of calibrated EFDC model for "typical" river conditions (e.g., calibration/validation period conditions).
4. March 2007 - Complete full integration of Hybrid Model and final baseline runs of Hybrid Model for a range of river conditions and provide Technical Memo on accuracy and ability of model to be used for FS alternative evaluations. Possible additional 3B data gaps identified here.

Thanks in advance.

Carl

Carl Stivers
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